

UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:

John M. Egnor

Serial No.: 08/828,560

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For: STOP FOR EQUIPMENT POSITIONING

: Group Art Unit: 3613

: Examiner: Graham, M.

Commissioner of Patents and Trademarks
Washington, D.C. 20231

APPENDIX

The following is a list of claims regarding the above referenced:

1. (Amended) A stop for commercial kitchen equipment positioning, comprising:

a solid rigid body, meeting National Sanitation Foundation Code cleanliness standards, having a substantially flat uninterrupted bottom floor engaging surface of no greater than six inches in width and no greater than twelve inches in length, an uninterrupted upper surface including an upstanding front ramp portion having opposing forwardly and rearwardly sloping surfaces for the passage of a wheel therealong, a rear ramp portion extending rearwardly from said rearwardly sloping front ramp portion, said rear ramp portion being of a height at least as great as said front ramp portion and including a forwardly and rearwardly sloping surface for the passage of a wheel therealong, a wheel receiving portion positioned between said front and rear ramp portions and interconnecting said front and rear ramp portions, wheel support elements provided along longitudinal length of the stop said solid rigid body having means for securely anchoring said solid rigid body to a mounting surface, thereby preventing inadvertent movement of said commercial kitchen equipment to maintain tolerances to fixed fire suppression systems.

2. A stop as defined in claim 1 wherein said solid rigid body has a flared positioning aid defined by a flat surface extending from said front ramp outwardly expanding thereby aiding in positioning of a wheel.

3. A stop as defined in claim 1 wherein:

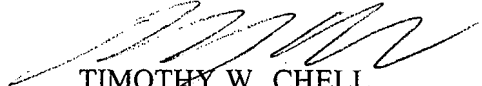
Said rear ramp portion is of greater slope than said upstanding front ramp portion.

4. A stop as defined in claim 1 wherein said rear ramp portion is an abutment of greater slope and inclination with respect to said front ramp and acts as an end stop for a wheel.
5. A stop as defined in claim 2 wherein said rear ramp portion is an abutment of greater slope and inclination with respect to said front ramp and acts as an end stop for a wheel.
6. A stop as defined in claim 1-4 wherein said wheel support elements are walls projecting upwardly from said upper surface.
7. A stop as defined in claim 1 wherein said wheel support elements are walls projecting upwardly from along longitudinal edges of said upper surface.
8. A stop as defined in claim 1 wherein:
Said wheel support elements are rails attached to said rear ramp portion and extending along the longitudinal edges of said upper surface attaching to said frontwardly sloping front ramp portion.
9. A stop as defined in claim 2 wherein:
Said wheel support elements are rails attached to said rear ramp portion and extending along the longitudinal edges of said upper surface attaching to said flared positioning aid.
10. A stop as defined in claim 1 wherein:
Said securing means comprise a flat extension piece projecting rearwardly from said rear ramp portion, plurality of securing holes in said rigid body and said flat extension piece.
11. A stop as defined in claim 2 wherein:
Said securing means comprise a flat extension piece projecting rearwardly from said rear ramp portion, a plurality of securing holes in said flared positioning aid and said flat extension piece.
12. The process of securing commercial kitchen equipment to the floor to prevent appreciable shifting of the article, thereby keeping said commercial kitchen equipment within acceptable tolerances of fixed fire suppression systems, which comprises wheels of the article by confining the wheels between wheel support elements spaced apart slightly further than the

width of the wheel and opposed spaced ramps, said wheel support elements and opposed space ramps being of unibody construction which meets National Sanitation Foundation standards and is no greater than six inches in width and no greater than twelve inches in length, by application of a displacing force to such article in any direction and thereby applying a downward force on such a ramp to hold such wheel in fixed position, by such rolling of a wheel up a ramp producing a component of force on the wheel in a direction opposite the displacing force and tending to roll its wheeldown the ramp, and by securing the stop in relation to a rigid surface by use of securing means.

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RESPECTFULLY SUBMITTED,



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